

Additional Permit Application Requirements
for Coal Combustion Residuals Units:
Documentation/Reports Specific to
CCR Facilities to Satisfy 9 VAC 20-81-810
Solid Waste Permit Application (SWP 608)

Dominion Energy Virginia
Virginia City Hybrid Energy Center
Curley Hollow Solid Waste Management Facility
Wise County, Virginia

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Table of Contents

Acronymsiii

A. Introduction 1

B. Submission Requirements to Meet 9VAC20-81-810.A 1

 B.1 Curley Hollow Solid Waste Management Facility 1

C. References 2

Acronyms

CCR	Coal Combustion Residuals
CCR Rule	40 CFR Parts 257 and 261, Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals from Electric Utilities, April 17, 2015.
CFR	Code of Federal Regulations
Dominion	Dominion Energy Virginia
EPA	United States Environmental Protection Agency
Station	Virginia City Hybrid Energy Center
SWMF	Solid Waste Management Facility
SWP	Solid Waste Permit
VA	Virginia
VAC	Virginia Administrative Code
VDEQ	Virginia Department of Environmental Quality
VPDES	Virginia Pollutant Discharge Elimination System
VSWMR	Virginia Solid Waste Management Regulations

A. Introduction

This Documentation/Reports Specific to CCR Facilities to Satisfy 9VAC20-81-810.B of the Virginia Solid Waste Management Regulations (VSWMR) was prepared for the Virginia City Hybrid Energy Center (Station) Curley Hollow Solid Waste Management Facility. This report was prepared following Submission Instruction No. 29: Additional Permit Application Requirements for Coal Combustion Residuals Units.

B. Submission Requirements to Meet 9VAC20-81-810.A

B.1 Curley Hollow Solid Waste Management Facility

The Curley Hollow Solid Waste Management Facility (SWMF) meets the definitions of an existing landfill under 40 CFR 257.53 of the *Disposal of Coal Combustion Residuals from Electric Utilities* final rule (CCR rule). Consequently, the Virginia Solid Waste Management Regulations (VSWMR) 9VAC20-81-810.A require that Dominion submit a permit application to amend the Station's current Solid Waste Permit SWP 608 to incorporate site specific CCR rule requirements by no later than October 17, 2017. The subsections of 9VAC20-81-810.A are addressed as follows:

1. Location restriction demonstration required by 40 CFR 257.64. A location restrictions demonstration was placed in the facility's CCR rule operating record on October 17, 2018. A subsequent notification to the VDEQ Director that this demonstration was completed was provided by the applicable notification deadline specified in the CCR Rule.
2. Description of the new CCR landfill or lateral expansion design criteria required by 40 CFR 257.70 (e). The SWMF is considered an existing landfill under the CCR rule and is not subject to 40 CFR 257.70 (e).
3. Description of how the CCR landfill's operating criteria required by 40 CFR 257.80, 40 CFR 257.81, and 40 CFR 257.84 are met.
 - a. 40 CFR 257.80 has been met by development, operation, and maintenance of the Station's Fugitive Dust Control Plan. VDEQ was previously notified of completion of the plan and its availability on Dominion's publicly accessible internet site.
 - b. 40 CFR 257.81 has been met by the development of a Run-on/Run-off Control Plan. VDEQ was previously notified of completion of the plan and its availability on Dominion's publicly accessible internet site.
 - c. 40 CFR 257.84 inspection requirements are implemented at the Station and are available for review in the Station's operating record. In addition, an annual inspection is performed by a professional engineer licensed in the Commonwealth of Virginia and posted on Dominion's publicly accessible internet site.
4. Explanation of how groundwater monitoring and corrective action criteria required by 40 CFR 257.90, 40 CFR 257.91, 40 CFR 257.93, 40 CFR 257.94, 40 CFR 257.95, 40 CFR 257.96, 40 CFR 257.97, and 40 CFR 257.98 are met. The Groundwater Monitoring Plan complying with requirements in the CCR rule and VSWMR is included in this SWP Application. Remaining groundwater monitoring and corrective action requirements, as applicable, will be complied with by the applicable notification deadlines specified in the CCR Rule.
5. Explanation of how closure and post-closure care requirements found in 40 CFR 257.101, 40 CFR 257.102, 40 CFR 257.103, and 40 CFR 257.104 will be met. Closure requirements are addressed in the Closure Plan. Post-closure care requirements are addressed in the Post-

Closure Care Plan. Updated Closure and Post-Closure Care Plans to address CCR rule requirements are posted on Dominion's publicly accessible internet site.

6. Website address for information required to be posted by 40 CFR 257.105, 40 CFR 257.106, and 40 CFR 257.107. Dominion's CCR publicly accessible internet site is located at www.dominionenergy.com/ccr. The CCR rule documents are posted on this internet site, placed in the operating record, and notifications submitted to the Director.

C. References

1. 40 CFR Parts 257 and 261, Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals from Electric Utilities, April 17, 2015.
2. 40 CFR 257, Hazardous and Solid Waste Management System: Disposal of Coal Combustion Residuals From Electric Utilities; Extension of Compliance Deadlines for Certain Inactive Surface Impoundments; Response to Partial Vacatur; 81 FR 51802, Agency/Docket Numbers EPA-HQ-OLEM-2016-0274/FRL-9949-44-OLEM, Document Number 2016-18353; Published August 5, 2016; Effective October 4, 2016
3. Virginia Administrative Code, 9VAC20-81-810.